

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Takeshi HIKATA  
Title: METHOD OF PRODUCING  
CARBON NANOSTRUCTURE  
Appl. No.: 10/591,740  
International Filing Date: 5/19/2005  
371(c) Date: 9/6/06  
Examiner: Roberts P. Culbert  
Art Unit: 1792  
Confirmation Number: 3133

**AMENDMENT UNDER 37 C.F.R. § 1.312**

Box Issue Fee  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

In accordance with 37 C.F.R. § 1.312, and without withdrawing this application from issue, please amend the above-identified application as follows:

**IN THE SPECIFICATION:**

Please amend the specification as follows:

Please replace the second paragraph on page 28, line 13 with the following rewritten paragraph replacing “a propane gas” with “an acetylene gas”.

A carbon nanotube as a carbon nanostructure was produced with the production device shown in Fig. 5 using the catalyst base obtained as above. Heat and pressure-resistant heating furnace tube 51 including the electric furnace as the heating device, the gas introduction and exhaust system, the growth temperature control system, the vacuum control system, the gas flowmeter, and the like was separated into a space of a crystal growth surface side and a space of